Fig.1

Fig.2

Cooling Apparatus Boiling And Condensing Refrigerant With Low Height
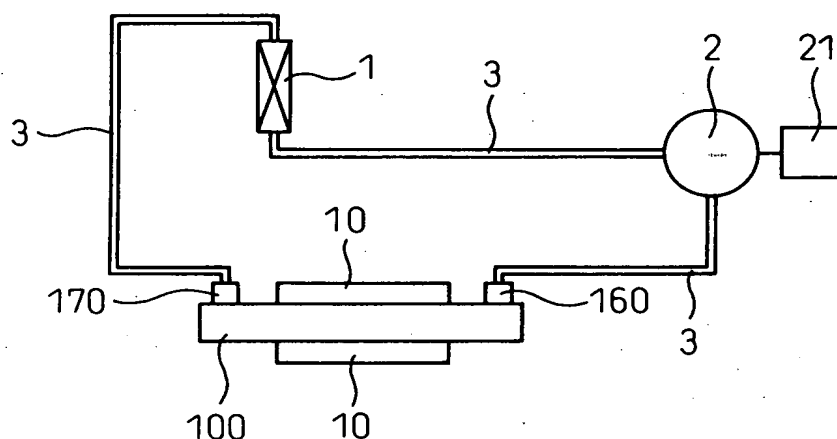And Easily Assembled/ Applicants: Hajime Sugito et al
Docket No. 4041K-000168 / Harness, Dickey & Pierce, P.L.C.

2/29

Fig.3

Fig.4

3/29

Fig.5A

112 — 110
113 — 111

Fig.5B

131 — 130A
132b
132c
132a
132

Fig.5C

131 — 130B
132b
132c
132a
132

Fig.6A

131 — 130C

Fig.6B

133 — 130D

Fig.6C

134 — 130E

Fig.7

Fig.8

Fig.9

Fig.10

Cooling Apparatus Boiling And Condensing Refrigerant With Low Height
And Easily Assembled/ Applicants: Hajime Sugito et al
Docket No. 4041K-000168 / Harness, Dickey & Pierce, P.L.C.

7/29

Fig.11

Fig.12

Cooling Apparatus Boiling And Condensing Refrigerant With Low Height
And Easily Assembled/ Applicants: Hajime Sugito et al
Docket No. 4041K-000168 / Harness, Dickey & Pierce, P.L.C.

8/29

Fig.13A

110 — 114

114

Fig.13B

130A —
131A —
134

134

Fig.13C

130B —
131B
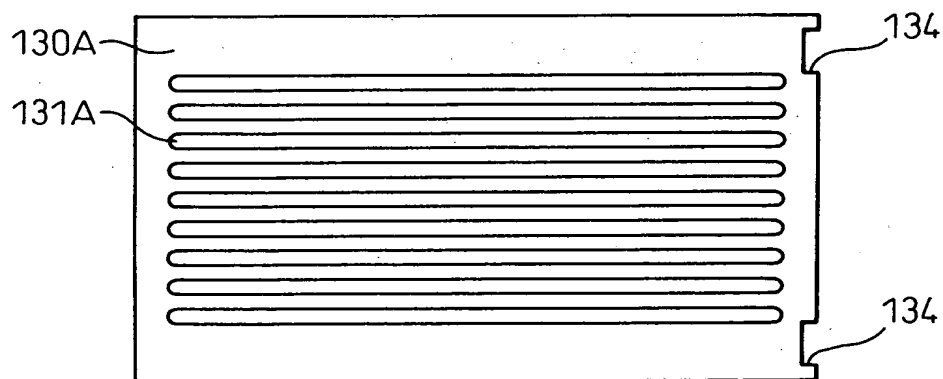134
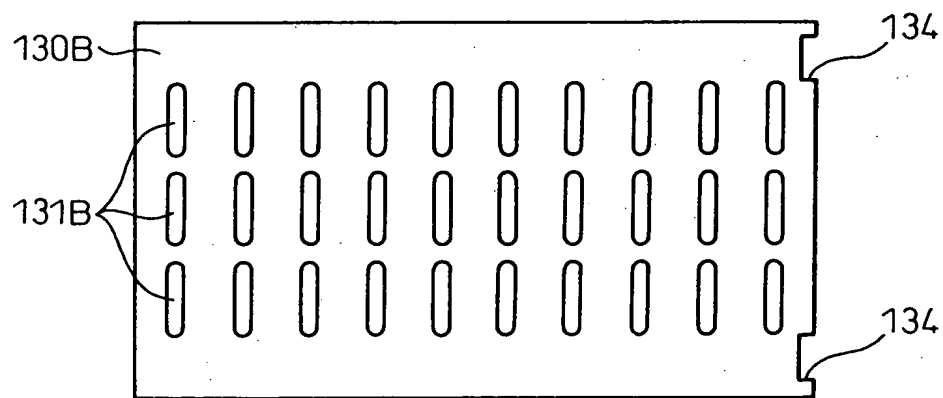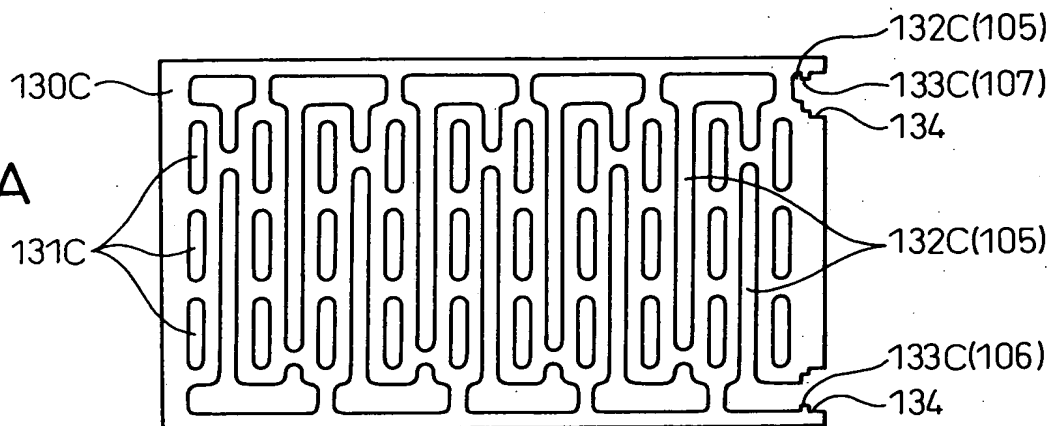
134

9/29

Fig.14A

Fig.14B

Fig.14C

Fig.15A

Fig.15B

Fig.16

Fig. 17

Fig. 18

Cooling Apparatus Boiling And Condensing Refrigerant With Low Height
And Easily Assembled/ Applicants: Hajime Sugito et al
Docket No. 4041K-000168 / Harness, Dickey & Pierce, P.L.C.
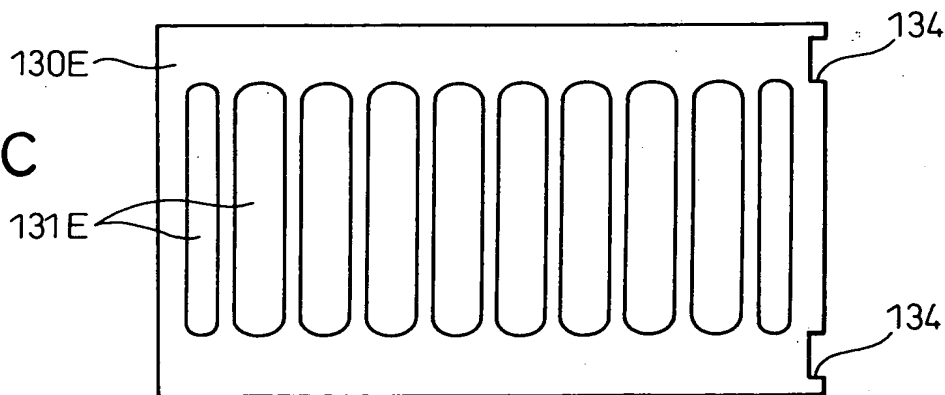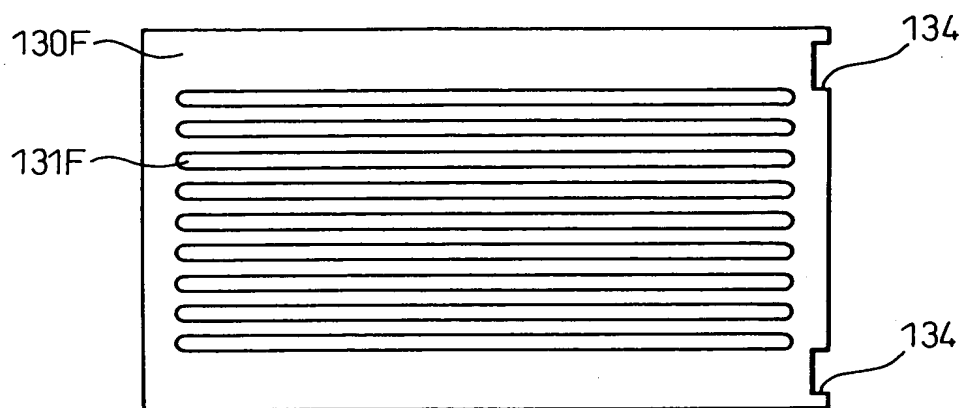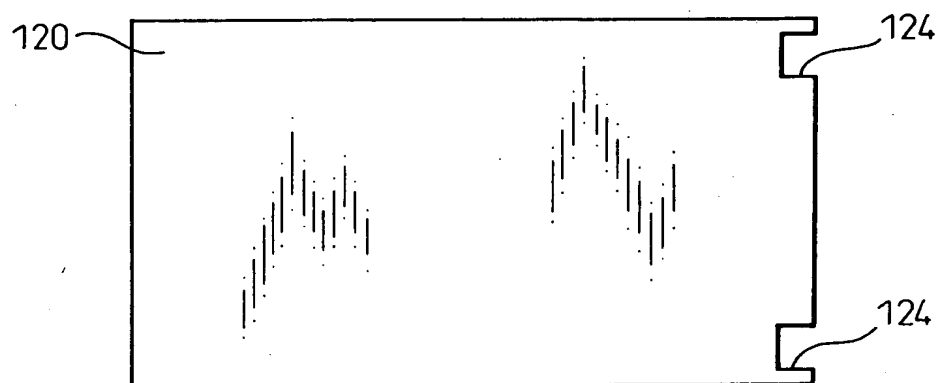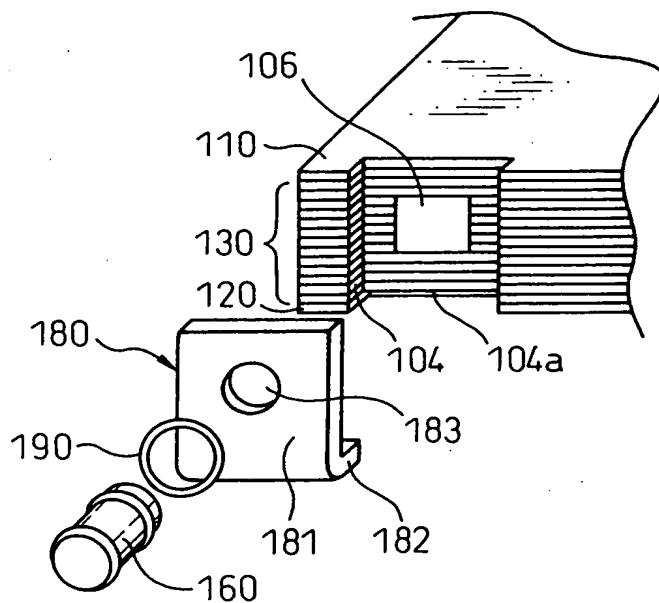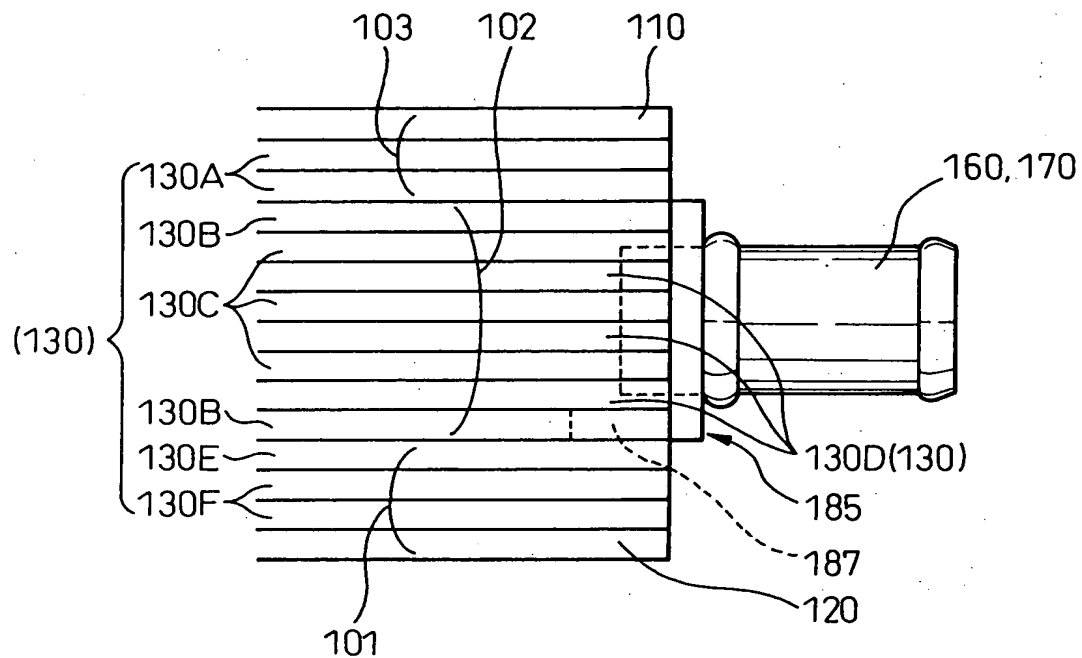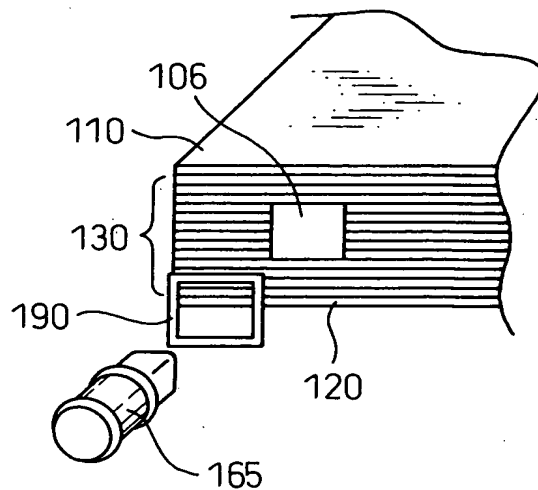
12/29

Fig.19
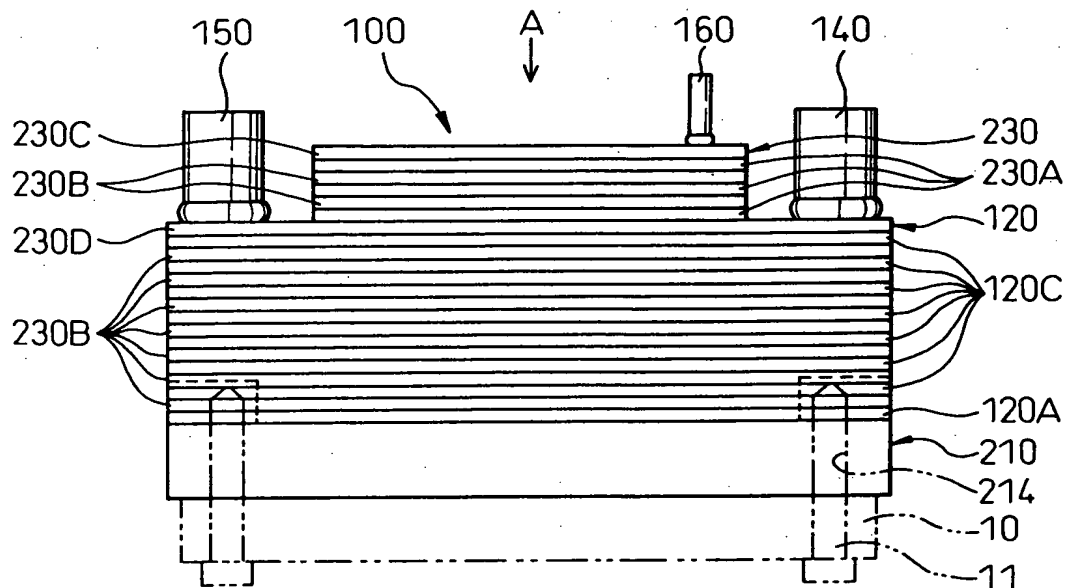
Fig.20
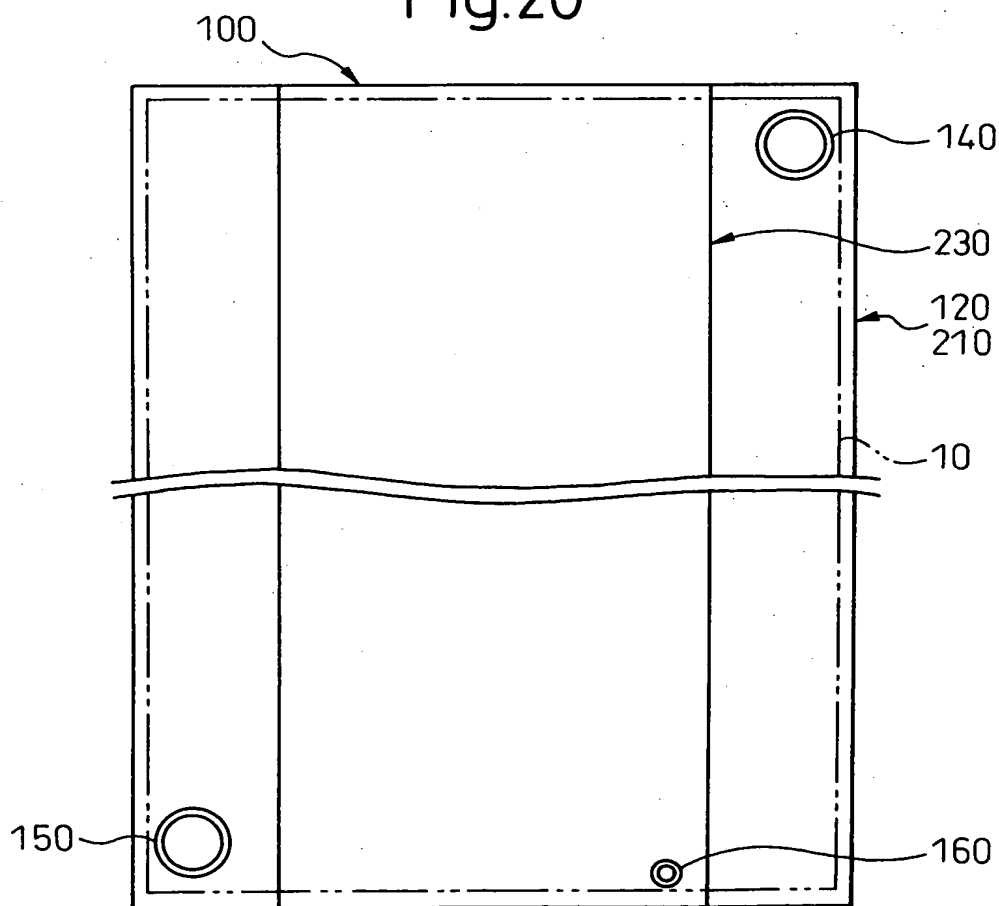
13/29

Fig.21A
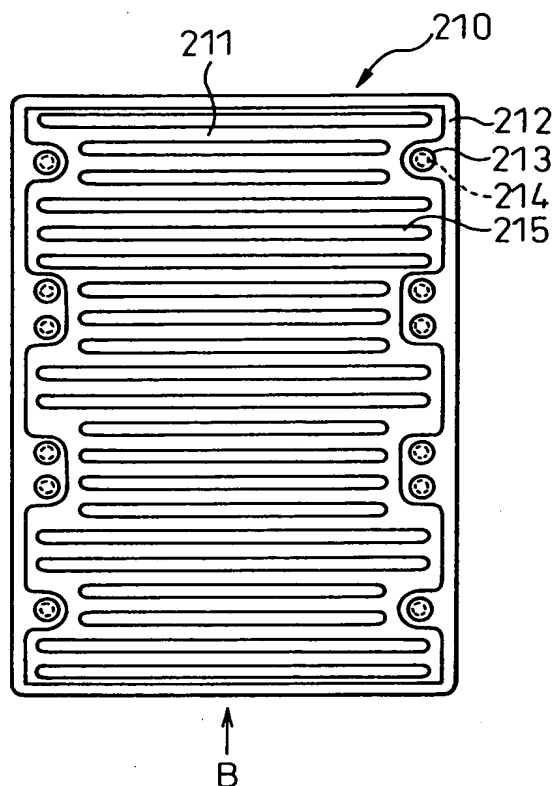
Fig.21B

Fig.22

14/29

Fig.23A

120B
121
121A

122b   122c   122a

122
122A

Fig.23B

120C
121
121A

122b   122c   122a

122
122A

Fig. 23C

120D
124
121
121A

125

Cooling Apparatus Boiling And Condensing Refrigerant With Low Height
And Easily Assembled/ Applicants: Hajime Sugito et al
Docket No. 4041K-000168 / Harness, Dickey & Pierce, P.L.C.

15/29

Fig.24A

Fig.24B

230A
231

230B
232

Fig.24C

230C

233

Cooling Apparatus Boiling And Condensing Refrigerant With Low Height
And Easily Assembled/ Applicants: Hajime Sugito et al
Docket No. 4041K-000168 / Harness, Dickey & Pierce, P.L.C.

16/29

Fig.25

Fig.26A

Fig.26B

Cooling Apparatus Boiling And Condensing Refrigerant With Low Height
And Easily Assembled/ Applicants: Hajime Sugito et al
Docket No. 4041K-000168 / Harness, Dickey & Pierce, P.L.C.
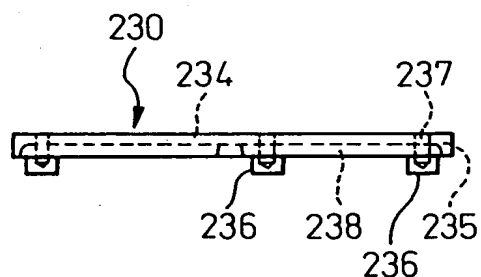
17/29
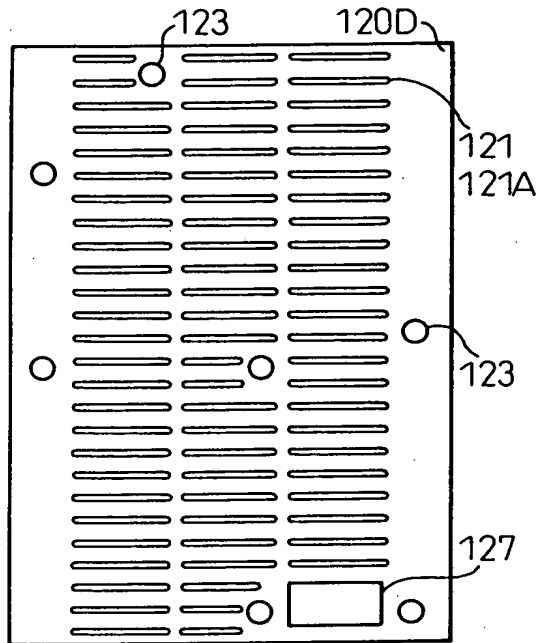
Fig.27A

Fig.27B

Fig.27C

18/29

Fig.28A

126   120E

121
121A

127

122b   122c   122a
122,122A

Fig.28B

120C

121
121A

127

122b   122c   122a
122,122A

Fig.28C

120B

121
121A

127

122b   122c   122a
122,122A
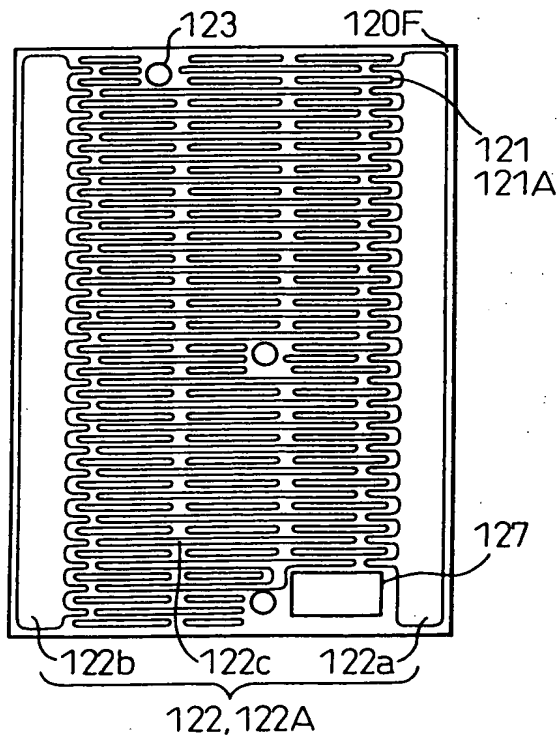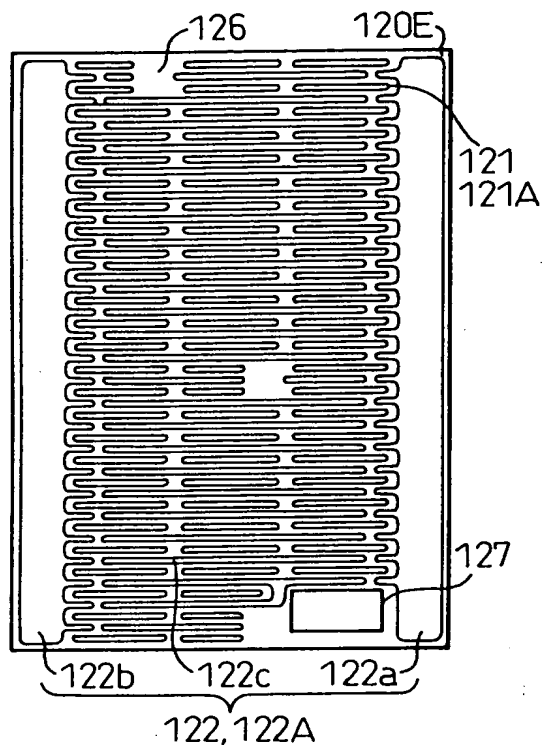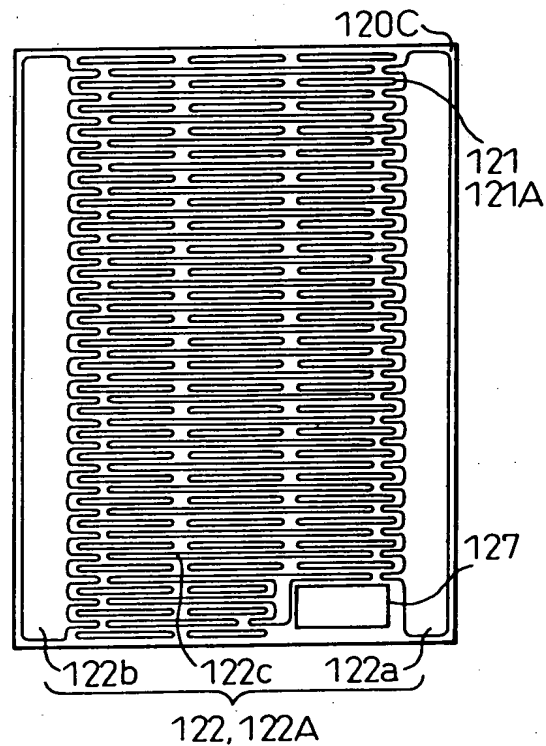
Cooling Apparatus Boiling And Condensing Refrigerant With Low Height
And Easily Assembled/ Applicants: Hajime Sugito et al
Docket No. 4041K-000168 / Harness, Dickey & Pierce, P.L.C.
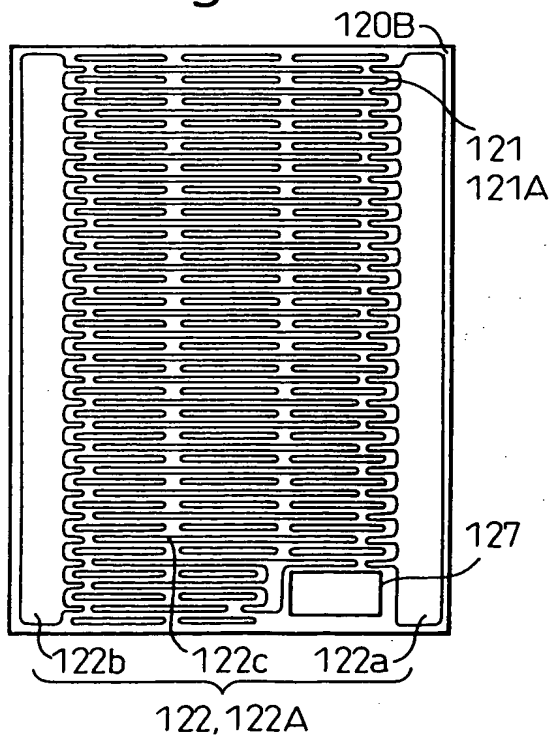
19/29

Fig.29A

Fig.29B

Fig.30

Fig.31A

Fig.31B

Fig.32

REFRIGERANT

Cooling Apparatus Boiling And Condensing Refrigerant With Low Height
And Easily Assembled/ Applicants: Hajime Sugito et al
Docket No. 4041K-000168 / Harness, Dickey & Pierce, P.L.C.

21/29

Fig.33

Fig.34

Fig.35

Fig.36

Fig.37

Fig.38

Fig.39

Cooling Apparatus Boiling And Condensing Refrigerant With Low Height
And Easily Assembled/ Applicants: Hajime Sugito et al
Docket No. 4041K-000168 / Harness, Dickey & Pierce, P.L.C.

25/29

Fig.40A

280
(230)

270

Fig.40B

230
(280)

270

Fig.40C

230
(280)

270

CUT

Fig.41

280
(230)

270

271

Cooling Apparatus Boiling And Condensing Refrigerant With Low Height
And Easily Assembled/ Applicants: Hajime Sugito et al
Docket No. 4041K-000168 / Harness, Dickey & Pierce, P.L.C.

$^{26}/_{29}$

Fig.42

27/29

Fig.43

Fig.44

Cooling Apparatus Boiling And Condensing Refrigerant With Low Height
And Easily Assembled/ Applicants: Hajime Sugito et al
Docket No. 4041K-000168 / Harness, Dickey & Pierce, P.L.C.
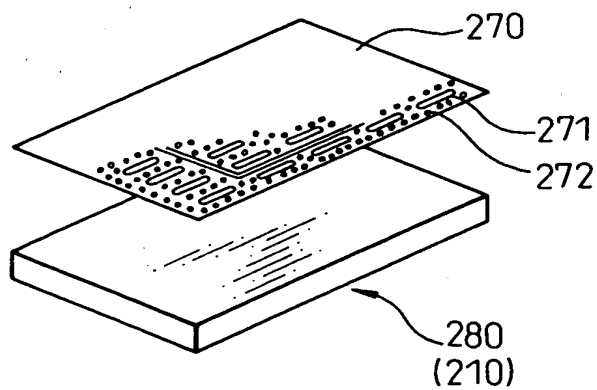
28/29

Fig.45

Fig.46
PRIOR ART

Fig.47
PRIOR ART

Fig.48

REFRIGERANT FLOW